REMARKS

Reconsideration of this application, as amended, is respectfully requested.

Claims 1-40 remain pending. Claims 1-40 have been rejected.

Claims 1, 2, 8, 9, 15, 16, 21, 22, 27, 29, 32, 33, 35, 36, and 38 have been amended.

Claims 28, 31, 34, and 37 have been cancelled. No claims have been added. Support for the amendments is found in the specification, the drawings, and in the claims as originally filed. Applicant submits that the amendments do not add new matter.

Applicant reserves all rights with respect to the applicability of the Doctrine of Equivalents.

The Examiner has rejected claims 33-35 under 35 U.S.C. § 101.

Applicant has amended claim 33 to include "A computer readable storage medium to manipulate a time based stream of information, the computer readable storage medium storing instructions thereon..."

Therefore, applicant respectfully submits that the Examiner's rejection of claim 33 under 35 U.S.C. § 101 has been overcome.

Given that claim 35 depends from amended claim 33, and adds additional limitations, applicant respectfully submits that the Examiner's rejection of claim 35 under 35 U.S.C. § 101 has been overcome.

Applicant has canceled claim 34.

Claims 1-40 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Adobe After Effect Version 4.0 of 07/15/1999 ("After-Effects") in view of U.S. Patent No. 6,215,485 to Phillips ("Phillips").

Amended claim 1 reads as follows:

A method for manipulating a time based stream of information in a processing system, the method comprising:
determining whether a frame of the time based stream of information requires a modification that includes adding an edit feature to the frame, to create a revised frame, and storing the modifications in a file for the frame, in response to a user edit command; if it is determined that the first frame requires the modification, automatically creating a proxy of the frame while rendering modifications of the frame, the proxy including a simulation of the modifications, wherein the creating the proxy includes simulating the adding of the edit feature to the frame; sending the proxy to a display; displaying the proxy of the frame during the rendering the modifications of the frame; and if it is determined that the frame does not require the modification, displaying the frame of the time based stream of information.

(emphasis added)

As set forth above, amended claim 1 requires determining whether a frame of the time based stream of information requires a modification, if it is determined that the frame requires modification, automatically creating a proxy of the frame, sending the proxy to the display and displaying the proxy; and if it is determined that the frame does not require the modification, displaying the frame of the time based stream of information.

After-Effects discloses creating graphics and visual effects for film, video, or the Web. More specifically, After-Effects discloses creating a proxy of the original footage (p. 9). After-Effects discloses switching between the original footage and its proxy by turning on or off the proxy indicator (p. 11). In particular, After-Effects discloses the following:

> When you use the ActHIR.mov file in a composition, After Effects will use the proxy for display. Effects and properties applied to the proxy are applied to the actual footage when the movie is rendered with **Use No Proxies** selected from the Proxy Use menu in the Render Settings dialog box. Even though the proxy is 512x384, it behaves as if it's 2048 x 1536 in the composition.

(After-Effects, page 12, lines 1-4) (emphasis added)

Thus, After-Effects discloses that when the ActHIR.mov file is used in a composition, the proxy of the ActHIR.mov file is used for the display, and switching between the original footage and the proxy of the footage based on the proxy indicator. In contrast, amended claim 1 refers to

determining whether a frame of the time based stream of information requires a modification, and if it is determined that the frame requires modification, automatically creating a proxy of the frame, sending the proxy to the display and displaying the proxy; and if it is determined that the frame does not require the modification, displaying the frame of the time based stream of information. After-Effects does not disclose such limitations of amended claim 1.

Accordingly, After-Effects fails to disclose, teach, or suggest determining whether a frame of the time based stream of information requires a modification, if it is determined that the frame requires modification, automatically creating a proxy of the frame, sending the proxy to the display and displaying the proxy; and if it is determined that the frame does not require the modification, displaying the frame of the time based stream of information, as recited in amended claim 1.

Phillips, in contrast, discloses storing effects descriptions from a nonlinear editor using field chart and/or pixel coordinate data for use by a compositor, and also fails to disclose the discussed above limitations of amended claim 1.

Thus, neither After-Effects, nor Phillips discloses such limitations of amended claim 1.

Furthermore, even if After-Effects and Phillips were combined, such a combination would still lack determining whether a frame of the time based stream of information requires a modification, if it is determined that the frame requires modification, automatically creating a proxy of the frame, sending the proxy to the display and displaying the proxy; and if it is determined that the frame does not require the modification, displaying the frame of the time based stream of information, as recited in amended claim 1.

Therefore, applicant respectfully submits that claim 1, as amended, is not obvious under 35 U.S.C. § 103(a) over After-Effects in view of Phillips.

For at least the same reasons as set forth above with respect to amended claim 1, applicant respectfully submits that claims 2-26, and 39-40 are not obvious under 35 U.S.C. § 103(a) over After-Effects in view of Phillips.

Amended claim 27 reads as follows:

A method to manipulate a time based stream of information, comprising:
> receiving an edit command;
> retrieving a first frame of time based stream of information;
> <u>determining whether the first frame requires a modification according to the edit command;</u>
> <u>adding an edit feature to the first frame if the first frame requires the modification;</u>
> <u>creating a first proxy of the first frame, wherein the creating the first proxy of the first frame is performed while continuing the adding of the edit feature to the first frame;</u>
> <u>displaying the proxy of the first frame while continuing the adding the edit feature to the first frame if it is determined that the first frame requires the modification; and</u>
> <u>displaying the first frame of the time based stream of information if it is determined that the first frame does not require the modification.</u>

(emphasis added)

As set forth above, amended claim 27 requires determining whether the first

frame requires a modification according to the edit command; adding an edit feature to the first

frame if the first frame requires the modification; creating a first proxy of the first frame,

wherein the creating the first proxy of the first frame is performed while continuing the adding of

the edit feature to the first frame; displaying the proxy of the first frame while continuing the

adding the edit feature to the first frame if it is determined that the first frame requires the

modification; and displaying the first frame of the time based stream of information if it is

determined that the first frame does not require the modification.

After-Effects discloses discloses that when the <u>ActHIR.mov file</u> is used <u>in a</u>

<u>composition</u>, the <u>proxy of the ActHIR.mov file</u> is used for the display, and switching between the

original footage and the proxy of the footage <u>based on the proxy indicator</u>. In contrast, amended

claim 27 refers to determining whether the first frame requires a modification according to the

edit command; adding an edit feature to the first frame if the first frame requires the

modification; creating a first proxy of the first frame, wherein the creating the first proxy of the

first frame is performed while continuing the adding of the edit feature to the first frame;

displaying the proxy of the first frame while continuing the adding the edit feature to the first

frame if it is determined that the first frame requires the modification; and displaying the first frame of the time based stream of information if it is determined that the first frame does not require the modification.

Phillips also fails to disclose such limitations of amended claim 27.

Thus, neither After-Effects, nor Phillips discloses such limitations of amended claim 27.

Furthermore, even if After-Effects and Phillips were combined, such a combination would still lack determining whether the first frame requires a modification according to the edit command; adding an edit feature to the first frame if the first frame requires the modification; creating a first proxy of the first frame, wherein the creating the first proxy of the first frame is performed while continuing the adding of the edit feature to the first frame; displaying the proxy of the first frame while continuing the adding the edit feature to the first frame if it is determined that the first frame requires the modification; and displaying the first frame of the time based stream of information if it is determined that the first frame does not require the modification, as recited in amended claim 27.

Therefore, applicant respectfully submits that claim 27, as amended, is not obvious under 35 U.S.C. § 103(a) over After-Effects in view of Phillips.

For at least the same reasons as set forth above with respect to amended claim 27, applicant respectfully submits that claims 28-38 are not obvious under 35 U.S.C. § 103(a) over After-Effects in view of Phillips.

It is respectfully submitted that in view of the amendments and arguments set forth

herein, the applicable rejections and objections have been overcome. If there are any additional

charges, please charge Deposit Account No. 022666 for any fee deficiency that may be due.

Respectfully submitted,

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